

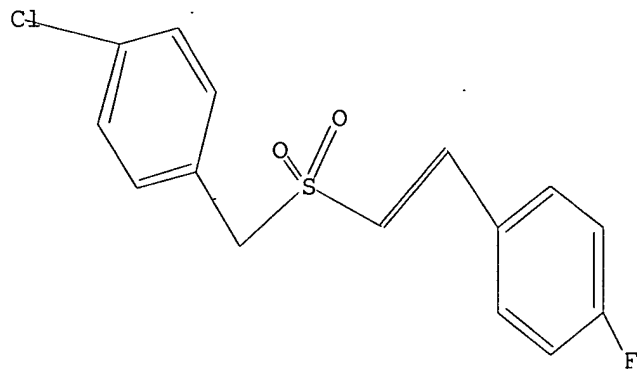
> s l1  
SAMPLE SEARCH INITIATED 19:12:44 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 2 TO 124  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full  
FULL SEARCH INITIATED 19:13:07 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 34 TO ITERATE

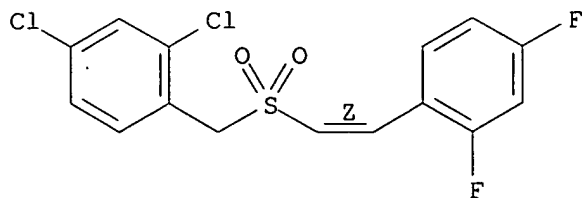
100.0% PROCESSED 34 ITERATIONS 17 ANSWERS  
SEARCH TIME: 00.00.01

L3 17 SEA SSS FUL L1

=> d l3

L3 ANSWER 1 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 454715-02-7 REGISTRY  
CN Benzene,  
2,4-dichloro-1-[[[(1Z)-2-(2,4-difluorophenyl)ethenyl]sulfonyl]met  
hyl]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H10 Cl2 F2 O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

Double bond geometry as shown.



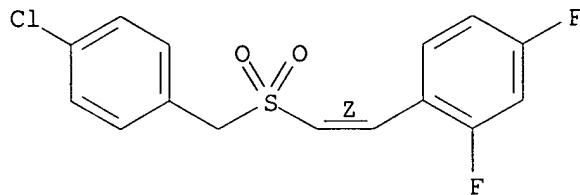
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d 2-23

L3 ANSWER 2 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 454714-91-1 REGISTRY  
CN Benzene,  
1-[(1Z)-2-[[4-chlorophenyl]methylsulfonyl]ethenyl]-2,4-difluoro-  
(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H11 Cl F2 O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

Double bond geometry as shown.

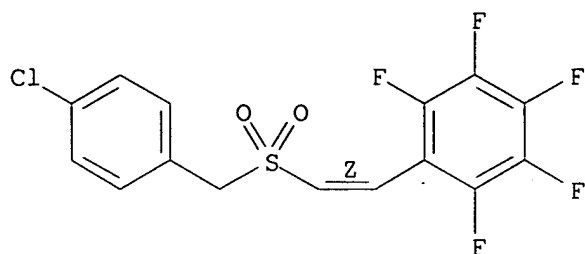


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 3 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 366807-81-0 REGISTRY  
CN Benzene, [(1Z)-2-[[4-chlorophenyl]methylsulfonyl]ethenyl]pentafluoro-  
(9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN (Z)-2,3,4,5,6-Pentafluorostyryl 4-chlorobenzyl sulfone  
FS STEREOSEARCH  
MF C15 H8 Cl F5 O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Double bond geometry as shown.

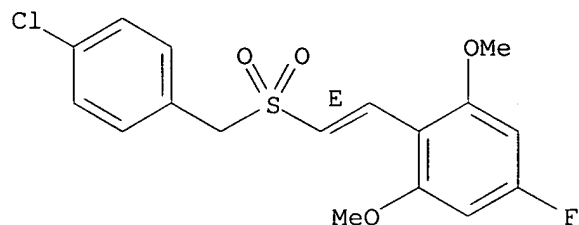


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 4 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 334969-48-1 REGISTRY  
CN Benzene,  
2-[(1E)-2-[[4-chlorophenyl)methylsulfonyl]ethenyl]-5-fluoro-1,3-  
dimethoxy- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN (E)-2,6-Dimethoxy-4-fluorostyryl 4-chlorobenzyl sulfone  
FS STEREOSEARCH  
MF C17 H16 Cl F O4 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Double bond geometry as shown.

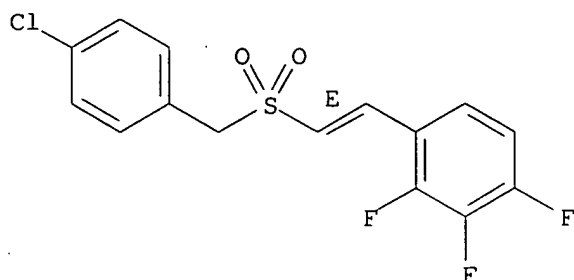


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 5 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 334969-36-7 REGISTRY  
CN Benzene, 1-[(1E)-2-[[4-chlorophenyl)methylsulfonyl]ethenyl]-2,3,4-  
trifluoro- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN (E)-2,3,4-Trifluorostyryl 4-chlorobenzyl sulfone  
FS STEREOSEARCH  
MF C15 H10 Cl F3 O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)

3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 6 OF 17 REGISTRY COPYRIGHT 2002 ACS

RN 334969-22-1 REGISTRY

CN Benzene,

[(1E)-2-[[[(3,4-dichlorophenyl)methyl]sulfonyl]ethenyl]pentafluoro-  
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN (E)-2,3,4,5,6-Pentafluorostyryl 3,4-dichlorobenzyl sulfone

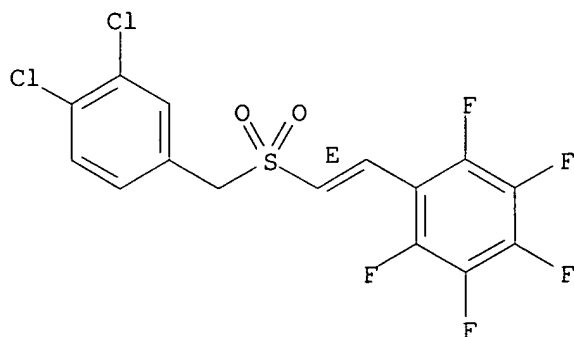
FS STEREOSEARCH

MF C15 H7 Cl2 F5 O2 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)

3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 7 OF 17 REGISTRY COPYRIGHT 2002 ACS

RN 334969-20-9 REGISTRY

CN Benzene, [(1E)-2-[[[(4-chlorophenyl)methyl]sulfonyl]ethenyl]pentafluoro-  
(9CI) (CA INDEX NAME)

OTHER NAMES:

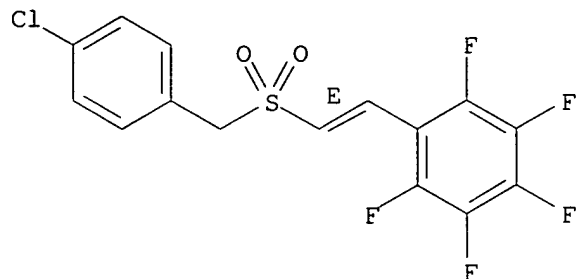
CN (E)-2,3,4,5,6-Pentafluorostyryl 4-chlorobenzyl sulfone

FS STEREOSEARCH

MF C15 H8 Cl F5 O2 S

SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Double bond geometry as shown.

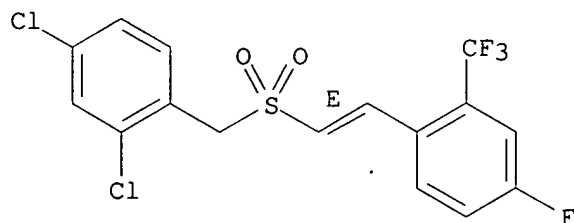


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 8 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 300699-80-3 REGISTRY  
CN Benzene, 2,4-dichloro-1-[[[(1E)-2-[4-fluoro-2-(trifluoromethyl)phenyl]ethenyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C16 H10 Cl2 F4 O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

Double bond geometry as shown.

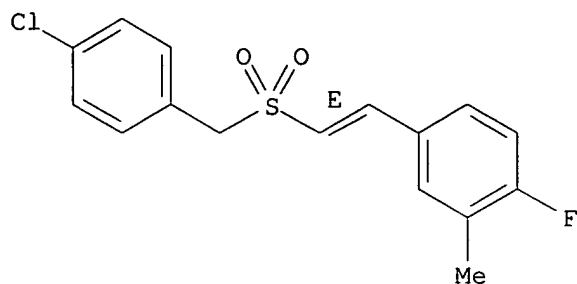


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 9 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 300699-78-9 REGISTRY  
CN Benzene, 4-[(1E)-2-[[[4-(chlorophenyl)methyl]sulfonyl]ethenyl]-1-fluoro-2-methyl]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C16 H14 Cl F O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

Double bond geometry as shown.

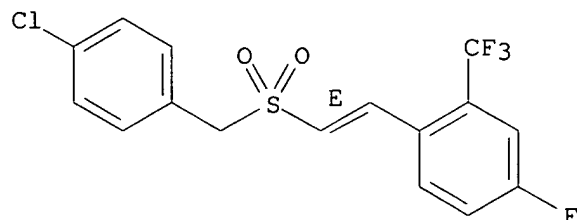


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1962 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 10 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 300699-77-8 REGISTRY  
CN Benzene, 1-[(1E)-2-[[[4-chlorophenyl)methyl]sulfonyl]ethenyl]-4-fluoro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C16 H11 Cl F4 O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

Double bond geometry as shown.

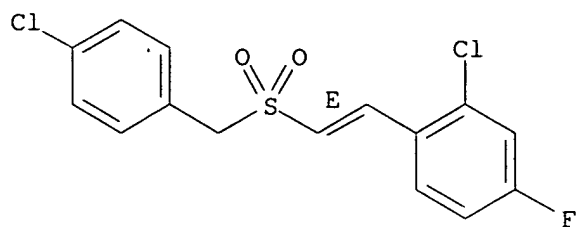


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 11 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 300699-47-2 REGISTRY  
CN Benzene, 2-chloro-1-[(1E)-2-[[[4-chlorophenyl)methyl]sulfonyl]ethenyl]-4-fluoro- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H11 Cl2 F O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Double bond geometry as shown.

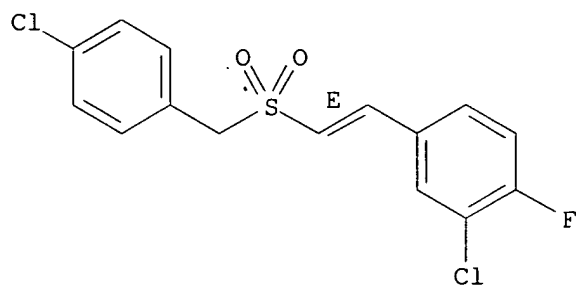


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1962 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 12 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 300699-46-1 REGISTRY  
CN Benzene, 2-chloro-4-[(1E)-2-[[4-chlorophenyl)methyl]sulfonyl]ethenyl]-1-fluoro- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H11 Cl2 F O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

Double bond geometry as shown.

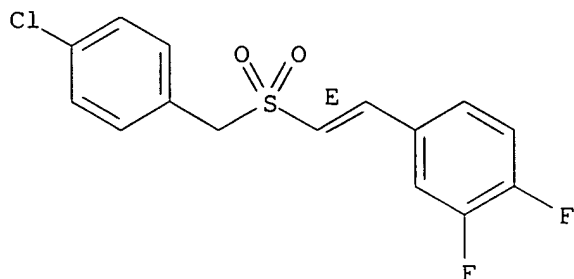


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 13 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 300699-45-0 REGISTRY  
CN Benzene, 4-[(1E)-2-[[4-chlorophenyl)methyl]sulfonyl]ethenyl]-1,2-difluoro- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H11 Cl F2 O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

Double bond geometry as shown.

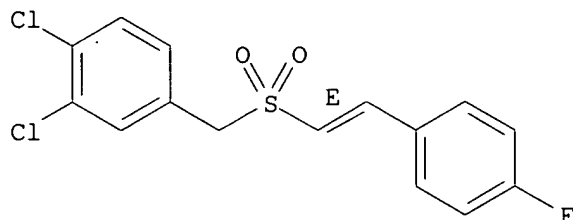


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 14 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 300699-39-2 REGISTRY  
CN Benzene,  
1,2-dichloro-4-[[[(1E)-2-(4-fluorophenyl)ethenyl]sulfonyl]methyl]-  
(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H11 Cl2 F O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

Double bond geometry as shown.



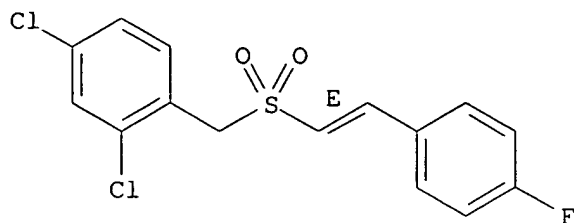
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 15 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 300699-36-9 REGISTRY  
CN Benzene,  
2,4-dichloro-1-[[[(1E)-2-(4-fluorophenyl)ethenyl]sulfonyl]methyl]-  
(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H11 Cl2 F O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

Double bond geometry as shown.



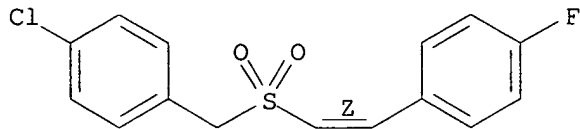


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 16 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 158606-44-1 REGISTRY  
CN Benzene, 1-chloro-4-[[[(1Z)-2-(4-fluorophenyl)ethenyl]sulfonyl]methyl]-  
(9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzene, 1-chloro-4-[[[2-(4-fluorophenyl)ethenyl]sulfonyl]methyl]-, (Z)-  
FS STEREOSEARCH  
MF C15 H12 Cl F O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Double bond geometry as shown.

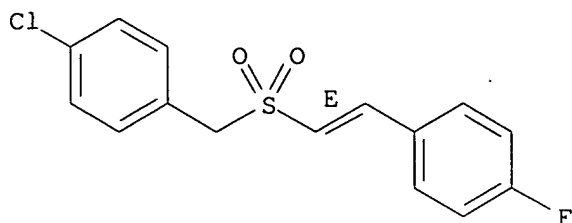


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1962 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 17 OF 17 REGISTRY COPYRIGHT 2002 ACS  
RN 118672-28-9 REGISTRY  
CN Benzene, 1-chloro-4-[[[(1E)-2-(4-fluorophenyl)ethenyl]sulfonyl]methyl]-  
(9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzene, 1-chloro-4-[[[2-(4-fluorophenyl)ethenyl]sulfonyl]methyl]-, (E)-  
FS STEREOSEARCH  
MF C15 H12 Cl F O2 S  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

9 REFERENCES IN FILE CA (1962 TO DATE)  
9 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> file embase biosis medline caplus uspatfull  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
167.90	168.95

FULL ESTIMATED COST

FILE 'EMBASE' ENTERED AT 19:14:08 ON 30 OCT 2002  
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FILE 'BIOSIS' ENTERED AT 19:14:08 ON 30 OCT 2002  
COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'MEDLINE' ENTERED AT 19:14:08 ON 30 OCT 2002

FILE 'CAPLUS' ENTERED AT 19:14:08 ON 30 OCT 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE 'USPATFULL' ENTERED AT 19:14:08 ON 30 OCT 2002  
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 118672-28-9/rn  
'RN' IS NOT A VALID FIELD CODE  
'RN' IS NOT A VALID FIELD CODE  
'RN' IS NOT A VALID FIELD CODE  
L4 11 118672-28-9/RN

=> s l4 and py<1999  
2 FILES SEARCHED...  
L5 4 L4 AND PY<1999

=> d l5 1-4 ab bib

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AB The title compds., Z- and E-(2-aryl-3-arylsulfonylcyclopropyl)benzyl  
sulfones I (R1 = H, 4-Me, 4-Cl, R2 = H, 4-Cl, 4-Br, 4-F, R3 = H, 4-Me,  
4-Cl) and E,Z- and E,E-bis(2-aryl-3-arylsulfonylcyclopropyl)sulfones II  
(R1 = H, 4-Me, R2 = H, 4-OEt, 4-Cl, 4-CHMe2, 2,4-Cl2, 2,6-Cl2, 2-Cl, R3 =  
H, 4-Cl, 4-Me) have been prepd. by the reaction of aryl thiocarbenes with  
Z- and E-styryl benzyl sulfones III and E,Z- and E,E-bis(2-aryl-3-  
arylsulfonylcyclopropyl) sulfones IV under phase transfer conditions.  
The  
geometry of the substrates was found to be retained in the product

formation as is evidenced by the PMR spectra, thus, confirming the stereospecificity of the reaction. The compds. were tested for bactericidal and fungicidal activity. Their toxicity was evaluated on *Periplaneta americana* (cockroach).

AN 1995:259329 CAPLUS  
DN 122:132682  
TI Stereospecific synthesis of some new Z- and E-cyclopropyl benzyl sulfones and E,Z- and E,E-bis(cyclopropyl)sulfones by PTC method  
AU Reddy, D. Bhaskar; Reddy, P. V. Ramana; Padmavathi, V.  
CS Dept. Chemistry, Sri Venkateswara Univ., Tirupati, 517 502, India  
SO Phosphorus, Sulfur and Silicon and the Related Elements (1994), 90(1-4), 1-10  
CODEN: PSSLEC; ISSN: 1042-6507  
PB Gordon & Breach  
DT Journal  
LA English  
OS CASREACT 122:132682

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AB Cyclopropanation of (Z)- and (E)-styryl benzyl sulfones I (R1, R2 = H, halo, alkyl, etc.) was carried out with phenacyldimethylsulfonium bromides in the presence of a phase transfer catalyst, PhCH2N+Et3.Cl-, to give benzoylcyclopropanes II (same R1, R2; R3 = H, Me, halo, etc.).  
R2) Cyclopropanation of (E,Z)- and (E,E)-bis(styryl)sulfones III (same R1, was also carried out with phenacyldimethylsulfonium bromides in the presence of a phase transfer catalyst. In the absence of a phase-transfer catalyst the reaction did not proceed. The direct addn. of dimethylsulfoxonium phenacylides to I gave the same products II.

AN 1995:234327 CAPLUS  
Correction of: 1994:655346  
DN 122:160195  
Correction of: 121:255346  
TI Phase transfer catalysis - a facile method for cyclopropanation of some isomeric styryl benzyl sulfones and bis(styryl)sulfones  
AU Reddy, D. Bhaskar; Reddy, P. V. Ramana; Seenaiiah, B.  
CS Dep. Chem., Sri Venkateswara Univ., Tirupati, 517 502, India  
SO ACH - Models in Chemistry (1994), 131(1), 83-92  
CODEN: ACMCEI; ISSN: 1217-8969  
PB Akademiai Kiado  
DT Journal  
LA English

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AB Cyclopropanation of (Z)- and (E)-styryl benzyl sulfones I (R1, R2 = H, halo, alkyl, etc.) was carried out with phenacyldimethylsulfonium bromides in the presence of a phase transfer catalyst, benzyltriethylammonium chloride to give products II (same R1, R2; R3 = H, Me, halo, etc.).  
R2) Cyclopropanation of (E,Z)- and (E,E)-bis(styryl)sulfones III (Same R1, was also carried out with phenacyldimethylsulfonium bromides in the presence of a phase transfer catalyst. In the absence of a phase-transfer catalyst the reaction did not proceed. The direct addn. of dimethylsulfoxonium phenacylides to I gave the same products III.

AN 1994:655346 CAPLUS  
DN 121:255346  
TI Phase transfer catalysis - a facile method for cyclopropanation of some

isomeric styryl benzyl sulfones and bis(styryl)sulfones  
 AU Reddy, D. Bhaskar; Reddy, P. V. Ramana; Seenaiiah, B.  
 CS Dep. Chem., Sri Venkateswara Univ., Tirupati, 517 502, India  
 SO Acta Chimica Hungarica (1994), 131(1), 83-92  
 CODEN: ACHUDC; ISSN: 0231-3146  
 DT Journal  
 LA English

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS  
 AB The Knoevenagel reaction of R1CH2SO2CH2CO2H (R1 = Ph, tolyl, ClC6H4, O2NC6H4) with R2CHO (R2 = Ph, O2NC6H4, anthryl, halophenyl, tolyl, anisyl) in HOAc contg. PhCH2NH2 gave trans-styryl sulfones I.  
 AN 1989:74956 CAPLUS  
 DN 110:74956  
 TI Preparation of styryl benzyl sulfones and 1,2-bis(styrylsulfonylmethyl)-4,5-dimethylbenzenes  
 AU Reddy, D. Bhaskar; Reddy, N. S.; Reddy, S.; Reddy, M. V. R.; Balasubramanyam, S.  
 CS Dep. Chem., Sri Venkateswara Univ., Tirupati, 517 502, India  
 SO Organic Preparations and Procedures International (1988), 20(3), 205-12  
 CODEN: OPPIAK; ISSN: 0030-4948  
 DT Journal  
 LA English  
 OS CASREACT 110:74956

=> fil marpat

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	17.96	186.91
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.48	-2.48

FILE 'MARPAT' ENTERED AT 19:16:03 ON 30 OCT 2002  
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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 137 ISS 17) (20021025/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES  
 (COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6458976 01 OCT 2002  
 DE 10114176 26 SEP 2002  
 EP 1245224 02 OCT 2002  
 JP 2002291496 08 OCT 2002  
 WO 2002076953 03 OCT 2002

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s 11

SAMPLE SEARCH INITIATED 19:16:07 FILE 'MARPAT'  
 SAMPLE SCREEN SEARCH COMPLETED - 729 TO ITERATE

97.0% PROCESSED 707 ITERATIONS 0 ANSWERS  
 98.1% PROCESSED 715 ITERATIONS 0 ANSWERS  
 100.0% PROCESSED 729 ITERATIONS ( 1 INCOMPLETE) 1 ANSWERS  
 SEARCH TIME: 00.00.49

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*  
 PROJECTED ITERATIONS: 13024 TO 16136  
 PROJECTED ANSWERS: 1 TO 80

L6 1 SEA SSS SAM L1

=> d 16

L6 ANSWER 1 OF 1 MARPAT COPYRIGHT 2002 ACS

(ALL HITS ARE ITERATION INCOMPLETES)

AN 128:140689 MARPAT

TI 3-Ureidopyridofurans and -pyridothiophenes for the treatment of  
 inflammatory processes

IN Braunlich, Gabriele; Es-Sayed, Mazen; Fischer, Rudiger; Henning, Rolf;  
 Fugmann, Burkhard; Schneider, Stephan; Sperzel, Michael; Sturton, Graham;  
 Fitzgerald, Mary; Briggs, Barbara; Concepcion, Arnel

PA Bayer Aktiengesellschaft, Germany; Braunlich, Gabriele; Es-Sayed, Mazen;  
 Fischer, Rudiger; Henning, Rolf; Fugmann, Burkhard; Schneider, Stephan;  
 Sperzel, Michael; Sturton, Graham; et al.

SO PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9802440	A1	19980122	WO 1997-EP3432	19970701
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9734411	A1	19980209	AU 1997-34411	19970701
	EP 912578	A1	19990506	EP 1997-930468	19970701
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	JP 2000514804	T2	20001107	JP 1998-505555	19970701
	ZA 9706168	A	19980202	ZA 1997-6168	19970711
	US 6169092	B1	20010102	US 1999-214370	19990105
PRAI	GB 1996-14718		19960712		
	WO 1997-EP3432		19970701		

=>

ULL ESTIMATED COST

118.96

119.38

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FILE 'MEDLINE' ENTERED AT 11:58:27 ON 30 OCT 2002

=> s sulfone  
L9 80554 SULFONE

=> s chlorobenzyl sulfone  
L10 23 CHLOROBENZYL SULFONE

=> s neoplastic or cancer or anti neoplastic  
L11 2037925 NEOPLASTIC OR CANCER OR ANTI NEOPLASTIC

=> s l10 and l11  
L12 4 L10 AND L11

=> d l12 1-4

L12 ANSWER 1 OF 4 USPATFULL  
AN 2002:160780 USPATFULL  
TI Z-styryl sulfone treatment of proliferative diseases  
IN Reddy, E. Premkumar, Villanova, PA, United States  
Reddy, M. V. Ramana, Upper Darby, PA, United States  
PA Temple University of the Commonwealth System of Higher Education,  
Philadelphia, PA, United States (U.S. corporation)  
PI US 6414034 B1 20020702  
AI US 2000-722450 20001122 (9)  
RLI Division of Ser. No. US 1999-282855, filed on 31 Mar 1999, now  
patented,  
Pat. No. US 6201154  
DT Utility  
FS GRANTED  
LN.CNT 681  
INCL INCLM: 514/710.000  
INCLS: 514/708.000; 568/028.000  
NCL NCLM: 514/710.000  
NCLS: 514/708.000; 568/028.000  
IC [7]  
ICM: A61K031-10  
EXF 514/708; 514/710; 568/28  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 2 OF 4 USPATFULL  
AN 2002:57841 USPATFULL  
TI Styryl sulfone anticancer agents  
IN Reddy, E. Premkumar, Villanova, PA, United States

PA Reddy, M. V. Ramana, Upper Darby, PA, United States  
Temple University-of the Commonwealth System of Higher Education,  
Philadelphia, PA, United States (U.S. corporation)

PI US 6359013 B1 20020319

WO 9918068 19990415

AI US 2000-509227 20000324 (9)

WO 1998-US20580 19981001

20000324 PCT 371 date

PRAI US 1997-60933P 19971003 (60)

DT Utility

FS GRANTED

LN.CNT 1062

INCL INCLM: 514/710.000

INCLS: 514/709.000; 568/034.000

NCL NCLM: 514/710.000

NCLS: 514/709.000; 568/034.000

IC [7]

ICM: A61K031-10

ICS: C07C317-00

EXF 568/34; 568/28; 514/709; 514/710

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 3 OF 4 USPATFULL

AN 2002:48626 USPATFULL

TI Alpha, beta-unsaturated sulfones for treating proliferative disorders

IN Reddy, E. Premkumar, Villanova, PA, UNITED STATES

Reddy, M.V. Ramana, Upper Darby, PA, UNITED STATES

PI US 2002028818 A1 20020307

AI US 2001-833834 A1 20010412 (9)

PRAI US 2000-197368P 20000414 (60)

DT Utility

FS APPLICATION

LN.CNT 1427

INCL INCLM: 514/252.120

INCLS: 514/438.000; 514/461.000; 514/709.000; 568/028.000; 549/497.000;

549/078.000; 544/379.000

NCL NCLM: 514/252.120

NCLS: 514/438.000; 514/461.000; 514/709.000; 568/028.000; 549/497.000;

549/078.000; 544/379.000

IC [7]

ICM: A61K031-496

ICS: A61K031-381; A61K031-341; A61K031-10; C07D307-02

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 4 OF 4 USPATFULL

AN 2002:37946 USPATFULL

TI Styryl sulfone anticancer agents

IN Reddy, E. Premkumar, Villanova, PA, UNITED STATES

Reddy, M. V. Ramana, Upper Darby, PA, UNITED STATES

PI US 2002022666 A1 20020221

AI US 2001-919061 A1 20010731 (9)

RLI Continuation-in-part of Ser. No. US 2000-509227, filed on 24 Mar 2000,  
PENDING A 371 of International Ser. No. WO 1998-US20580, filed on 1 Oct  
1998, UNKNOWN

PRAI US 1997-60933P 19971003 (60)

DT Utility

FS APPLICATION

LN.CNT 1281

INCL INCLM: 514/679.000

NCL NCLM: 514/679.000

IC [7]

ICM: A61K031-095

CAS INDEXING IS AVAILABLE FOR THIS PATENT.